



## Solarize Frederick County



Photovoltaic solar panels purchased in a community volume purchase. KW Management of Nashua, NH installed the systems at Nubanusit Neighborhood & Farm Cohousing, Peterborough, NH 2010-11. [www.peterboroughcohousing.org](http://www.peterboroughcohousing.org)

Would you put a solar system on your home if it was affordable?

Would you like to see more solar systems in your neighborhood?

If your solar system price got lower and lower as more households signed contracts, would you be even more interested?

If you answered YES, then read more on back and attend a Solarize 101 Workshop!

In 2013, Solarize Frederick County will...

- Coordinate a volume purchasing initiative which can result in significant savings for both solar PV systems and solar thermal systems.
- Offer incentive grants: \$750 - \$1,000 for solar thermal and \$2,000 - \$2,500 for solar PV installations. That's in addition to Maryland state grants and federal tax credits.

Learn all about solar energy systems & Solarize Frederick County!

### Solarize 101 Workshop

Thursday, March 21, 7 – 8:30 p.m.

Winchester Hall, 12 E. Church St., Frederick, 2<sup>nd</sup> floor Winchester Room

Space limited: RSVP to Lisa Orr  
[LOrr@FrederickCountyMD.gov](mailto:LOrr@FrederickCountyMD.gov); 301.600.6864



Fill out the Solarize Interest Form or Register for the Renewable Star Challenge!  
[FrederickCountyMD.gov/GreenHomes](http://FrederickCountyMD.gov/GreenHomes)



## *Solarize Frederick County*

**Solarize Frederick County** is a 2013 volume purchasing initiative for solar photovoltaic (PV) and solar thermal (hot water) systems. The Frederick County Office of Sustainability and Environmental Resources (OSER) will coordinate this pilot project as part of the Green Homes Renewable Star Challenge. Any Frederick County resident may participate and there will be special community-based outreach efforts in two pilot communities, Myersville and the Villages of Urbana. There are three key components of Solarize Frederick County that are designed to motivate homeowners to act: (1) volume discounts provided by the selected installers; (2) local incentive grants for approximately 60 installations; and (3) a limited enrollment period between mid-April and the end of August, 2013.

**D**uring the pilot project, interested neighbors and friends can come together to purchase and install solar systems collectively, and save significant costs as a result of bulk purchasing. By choosing only one or two contractors, and conducting promotional campaigns, Solarize Frederick County can hand deliver contractors warm leads in a small geographic area in a limited period of time. Job grouping, a restricted time period, and community led sales can result in significant savings – as much as 25-30%.

**F**or example, a 4 KW solar PV system costing \$20,000 could be reduced to \$15,000 through volume purchasing, and reduced even more with a \$2,500 Solarize Frederick County grant, a \$1,000 Maryland State Grant, and \$3,450 Federal Tax Credit! Along with utility bill savings and the annual sale of Solar Renewable Energy Credits (SRECs), it becomes very affordable! And the more households that participate, the larger the discounts!

The goals of **Solarize Frederick County** include

- Educating the public about renewable energy options and systems,
- Reducing costs for homeowners through volume discounts and special grants,
- Making solar installations more commonplace,
- Supporting the renewable energy business sector and workforce, and
- Reducing greenhouse gas emissions and energy use from non-renewable sources.

**T**o do this, Solarize Frederick County will

- Provide a limited number of incentive grants: \$750 - \$1,000 for purchased solar thermal systems and \$2,000 - \$2,500 incentive grants for purchased solar PV systems. Households certified as Power Savers in Green Homes Challenge receive higher grants.
- Organize and lead informational meetings and Solarize 101 and 201 workshops.
- Coordinate vendor proposal dissemination, evaluation, and selection.
- Coordinate volume purchasing with vendors (including options for leasing or power purchase agreements) to bring down the overall cost of systems.
- Track solar installations and resulting energy savings.

***Don't Miss Out! There's No Better Time to Solarize!***